

# MVP Module 6 Assignment Sheet

The standards for this module are:

- **6A: apply transformations** Students perform rigid motion transformations on shapes in the plane.
- **6B: identify transformations** Students identify and describe transformations performed on shapes in the plane.
- **6C: perpendicular lines** Students prove and use the criterion for slopes of perpendicular lines.
- **6D: congruence** Students understand and use properties of congruence.
- **6E: symmetry** Students understand and use properties of symmetry.
- **6F: triangles** Students understand and use criteria for congruent triangles and similar triangles.
- **6G: construction** Students construct geometric objects using compass and straightedge.

The assignments for this module are:

due date	assignment	standards
Wednesday, March 8	<ul style="list-style-type: none"> <li>• pp. 6-8 #1-6 choose 4, 8-17 all</li> </ul> <p>Note: Errors in problems mentioned in 11 and 14.</p> <ul style="list-style-type: none"> <li>• pp. 12-14 #1-4 choose 2, 5-7 choose 1, 11-14 choose 2</li> </ul>	6A, 6C
Friday, March 10	<ul style="list-style-type: none"> <li>• pp. 17-19 #1-9 odd, 13, 16, 19</li> <li>• pp. 24-26 #1-6 all, 7-10 choose 2, 12-15 all</li> </ul>	6A, 6B, 6C
Tuesday, March 14	$\pi$ day ☺	
Wednesday, March 15	<ul style="list-style-type: none"> <li>• pp. 32-34 #1-8 all, 9-11 choose 1</li> <li>• pp. 38-41 #1-3 choose 2, 4-7 choose 2, 9-12 choose 2, 13-16 choose 2</li> </ul>	6A, 6C, 6E
Friday, March 17	<ul style="list-style-type: none"> <li>• pp. 46-47 #1-12 all, 13-18 choose 3</li> <li>• pp. 49-51 #1-4 choose 3, 5-10 all</li> </ul> <p>p. 51 #9: Second equation should be <math>y = \frac{-1}{4}x + 2</math>.</p> <ul style="list-style-type: none"> <li>• Quiz</li> </ul>	6A, 6B, 6C, 6D, 6E 6A, 6B, 6C, 6E
Monday, March 20- Friday, March 24	Spring Break ☺	
Tuesday, March 28	<ul style="list-style-type: none"> <li>• pp. 56-57 #1-8 choose 5, 9</li> <li>• pp. 62-64 #1-4 all, 6-10 choose 3</li> </ul>	6B, 6D, 6E, 6F
Thursday, March 30	<ul style="list-style-type: none"> <li>• pp. 68-71 #1, 3-5, 6-8 choose 2, 9-14 choose 3</li> <li>• pp. 75-78 #1-4 choose 2, 5-8 choose 1, 9-12 choose 3</li> </ul>	all but 6A
Monday, April 3	<ul style="list-style-type: none"> <li>• pp. 82-84 #3-5, 6-8 choose 1, 9-14 choose 3</li> <li>• pp. 87-90 #1-4, 5 or 6, 7-11 choose 2, 12 or 13, 14 or 15</li> </ul> <p>p. 87 #4: First function should be <math>t(x) = 4^x</math>.</p>	all

The homework quota for this unit is four assignments.

There will be a project for this unit. It will be due the day after the unit exam. I will provide more details about this project.